

# **METROLOGICAL PROVISION OF UNIFORMITY OF MEASUREMENTS OF TIME AND FREQUENCY IN THE SATELLITES LASER-RANGING SYSTEM**

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The constant tightening of requirements for accuracy of measurements and the progress of submillimeter laser radar systems of new generation imposes more stringent requirements on their metrological support.

The uniformity of measurements and metrological traceability of the units of length, time, frequency and the national time scale UTC(SU) transfer in the Russian Federation provided by calibration (verification) in accordance with the "chain of metrological traceability", based on a standard of time and frequency hierarchy, and on the relevant state verification schemes. It is noted, that creation of synchronization and complex metrological provision system of laser station, perform by the FSUE "VNIIFTRI", will contribute to providing metrological traceability of measurements in the submillimeter laser ranging system, forming the measuring data.